IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MIRACLE ET AL. Atty. Ref.: 4314-15; Confirmation No. 1866

Appl. No. 10/581,998 TC/A.U. 1733

Filed: June 7, 2006 Examiner: ROE, J. R.

For: TITANIUM ALLOY MICROSTRUCTURAL REFINEMENT METHOD AND HIGH

TEMPERATURE, HIGH STRAIN RATE SUPERPLASTIC FORMING OF TITANIUM

ALLOYS

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November 10, 2011

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

AMENDMENT

In response to the Office Action, dated June 24, 2011, Applicants amend the aboveidentified application in the following manner:

Amendments to the Claims are reflected in the listing of claims which begins on page 2.

Amendments to the Drawings begin on page 7.

Remarks/Arguments begin on page 8.

Replacement sheets of drawing figures are attached following page 9.